

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) A vaccine for ~~treating and/or preventing~~ prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a ~~protein comprising an amino acid sequence encoded by a polynucleotide of any one of a) to e) as the active ingredient~~ polypeptide selected from the group consisting of:

- a) a ~~polynucleotide comprising a coding region of the nucleotide sequence of SEQ ID NO: 1~~ polypeptide comprising the amino acid sequence of SEQ ID NO:2;
- b) a ~~polynucleotide comprising a nucleotide sequence that encodes~~ polypeptide comprising the amino acid sequence of SEQ ID NO: 2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;
- e) ~~a polynucleotide comprising a nucleotide sequence with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1;~~
- d) c) a ~~polynucleotide~~ polypeptide comprising a ~~nucleotide~~ the amino acid sequence with 93% or more homology to ~~the nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 2; and~~
- e) d) a ~~polynucleotide encoding a~~ polypeptide comprising 45 or more continuous amino acid ~~sequence comprising 45 or more amino acid residues, selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d) of the amino acid sequence of SEQ ID NO:2.~~

2. (Currently amended) A vaccine for ~~treating and/or preventing~~ prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a ~~protein comprising an amino acid sequence encoded by a polynucleotide of any one of a) to e) as the active ingredient~~ polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising ~~a coding region of~~ the nucleotide sequence of SEQ ID NO: 1;
- b) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 2;
- c) a polynucleotide comprising a nucleotide sequence ~~with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1~~ that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;
- d) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence with 93% or more homology to the ~~nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 2; and~~
- e) a polynucleotide encoding a polypeptide comprising 45 or more continuous amino acid sequence comprising 45 or more amino acid residues of the amino acid sequence of SEQ ID NO:2; ~~selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d).~~

3. (Currently amended) The vaccine of claim 1, wherein the vaccine comprises a polypeptide comprising the amino acid sequence of SEQ ID NO:2 ~~polynucleotide is the polynucleotide of a) or b).~~

4. (Canceled).

5. (Currently amended) A method for ~~treating and/or preventing~~ conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of~~ administering the vaccine of claim 1 to a cat at least once.

6-8. (Canceled).

9. (Currently amended) The vaccine of claim 2, wherein the ~~polynucleotide is the polynucleotide of a) or b)~~ vaccine comprises a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

10. (Currently amended) A method for ~~treating and/or preventing~~ conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 2 to a cat at least once.

11. (Currently amended) A method for ~~treating and/or preventing~~ conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 3 to a cat at least once.

12. (Currently amended) A method for ~~treating and/or preventing~~ conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 9 to a cat at least once.